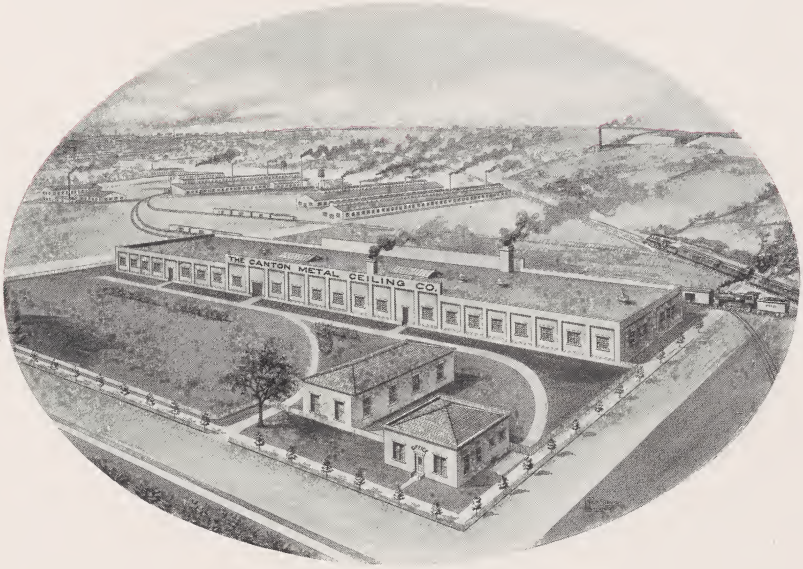
# ART KRAFT

## EMBOSSED METAL SHINGLES

# THE CANTON METAL CEILING CO.

CANTON, OHIO.

ART KRAFT




The Home of "Art-Kraft"

CANTON, OHIO

## THE ADVANTAGES OF METAL SHINGLES AND TILE

It is hardly necessary for us to point out the superiority of a metal roof over all other roofing materials. They are numerous and generally known to all experienced builders. To the uninitiated, we may mention a few of the most salient points in favor of metal roofing and particularly "Art-Kraft" metal shingles and tile.

Lightness in weight effecting a considerable saving in the cost of roof construction; durability and permanency. The ornamentation and artistic features of our various styles of shingles and tile offer a latitude of choice to harmonize with all styles of architecture. They are non-combustible and the instances where lightning has struck a metal roof are exceedingly rare, if not absolutely unknown.

They are impervious to the elements and suffer no evil effects from the heat or cold. Can be put on quickly, easily and cheaply by an ordinary workman. They are in brief, the most artistic, inexpensive, durable, fire-resistant, good-all-the-year-round roofing that can be used.

Contrast these qualities with the unsatisfactory features of wood shingles, which are becoming more expensive and less durable every year, are out of date, unattractive and combustible. Or with slate, which is five or six times as heavy as metal tile, requiring extra strong and expensive roof construction, besides the cost of applying, which is very considerable. Also the detrimental effects to slate of extreme heat, cold and hail, causing them to break. They are frequently blown off the roof during wind storms. When repairs are necessary, more slate are usually broken by the workmen.

With a little investigation and reflection, the superiority of "Art-Kraft" shingles and tile will quickly be recognized.

The item of cost is important to you. "Art-Kraft" tile cost less than others for two reasons. Not at the sacrifice of appearance and quality, but in conjunction with these features. They cost less to make because they are a lap shingle and not a lock shingle. They are stamped in series of four shingles to the sheet enabling them to be applied three or four times as fast as the lock shingle with a proportionate saving of labor and money and also with much less difficulty. When applied according to our simple instructions, they are absolutely weather-tight and in every particular more satisfactory than the lock shingle—with the important adjunct of costing less.

In case of repairs or alterations the lap shingle can easily be removed and replaced without damage to the material or ornamentation. Not so with the lock shingle, which to remove or replace one shingle, necessitates the removal of an entire course. You will find this feature of interchangeability a great advantage, adding materially to the salability of "Art-Kraft" shingles and tile. The lap shingle is the "coming" shingle. We have discontinued the manufacture of the lock shingle owing to the objectionable features enumerated.

## THE CONSTRUCTION

The primary object in view when designing "Art-Kraft" Shingles and Tile was a construction that would be absolutely weather-proof. In this we were very successful. The two ribs or small corrugations on the side lap effectually prevents leakage from capillary attraction, driving rain, snow, etc. Should any moisture get over the first rib, it will be carried down the gutter, which is formed between the two ribs, onto the outside of the lower shingle. No water can get over the second rib. The cross ribs at the top of the shingle over which the bottom of the next course laps and nests perfectly, makes an excellent water-tight joint. The use of galvanized nails and lead washers, which are furnished, prevents rusting, rattling and completely effects a weather-tight job.

The embossing of our shingles and tile is deeper than that of other manufacturers, bringing the designs out in bold relief and in perfect imitation of Terra Cotta Tile; allowing for contraction and expansion and making a very rigid, solid and beautiful roof.

## MATERIALS USED

We use only the highest grade of Open Hearth Iron, IC and IX Terne Plates, special rust-resisting and anti-corrosive Toncan Metal or Copper. We do not skimp on the materials and you will find our shingles and tile heavier than the average.

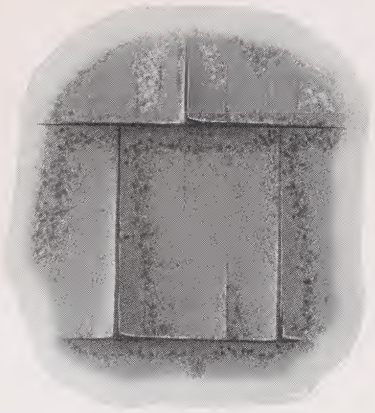
We carry all styles of our shingles, tile and fittings in stock in the Galvanized Iron only; but can make them up in the other materials mentioned, or any grade of Terne plate ranging from 10 lbs. to 40 lbs. coating.

We will be pleased to furnish miniature or full size samples of any of our styles free of charge upon request.

## PACKING

"Art-Kraft" Shingles and Tile are packed in good strong crates to insure safe arrival at destination. Printed instructions for application accompany each shipment.

## METAL VERSUS WOOD

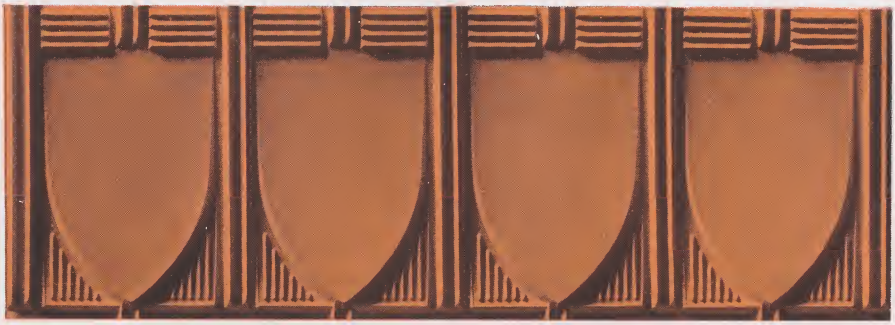


Wood Shingles have grown out of favor and will find little demand in the future--they fail to provide satisfactory roof protection. This form of shingle will split, rot and curl, requiring frequent repairs and is lacking in those much needed qualities a safe, practical roofing material must possess to insure a water-tight, wind-proof, lightning-proof and fire resisting roof of positive permanence.

"Art-Kraft" Metal Shingles and Tile will absolutely set your roof free from the expensive deterioration and objectionable limitations of wood shingles and actually cost less by comparison.

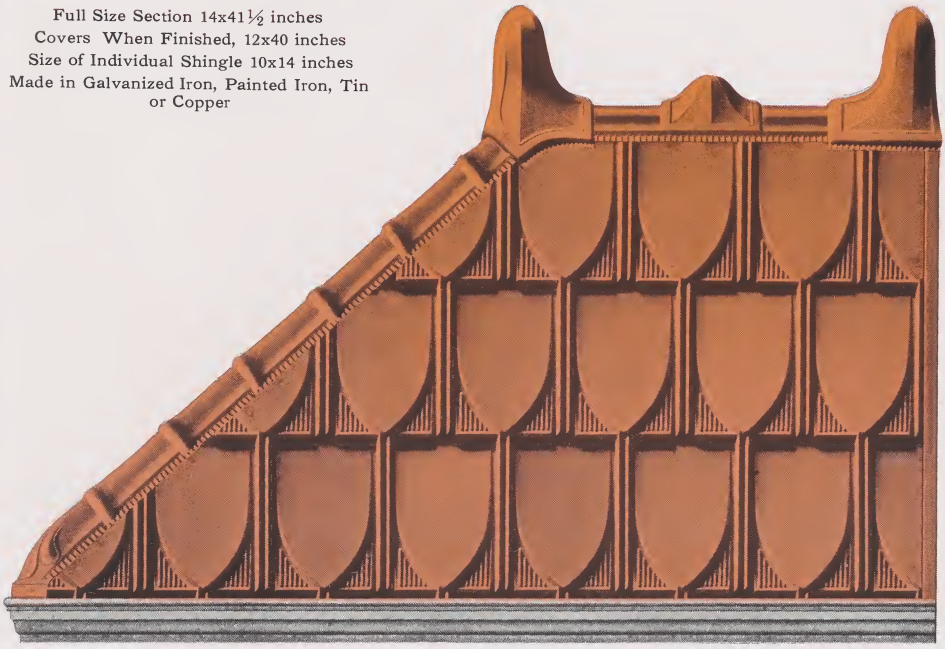
The first cost is the only cost--No repair bills.

Your investment is safe-guarded and your roof satisfaction grows with the age of the building, in fact we urge you to a careful examination of the products herein described and a comparison with other forms of roofing with the full confidence that your final choice will be "Art-Kraft."



No. 1
"SOUTHERN" SHINGLE

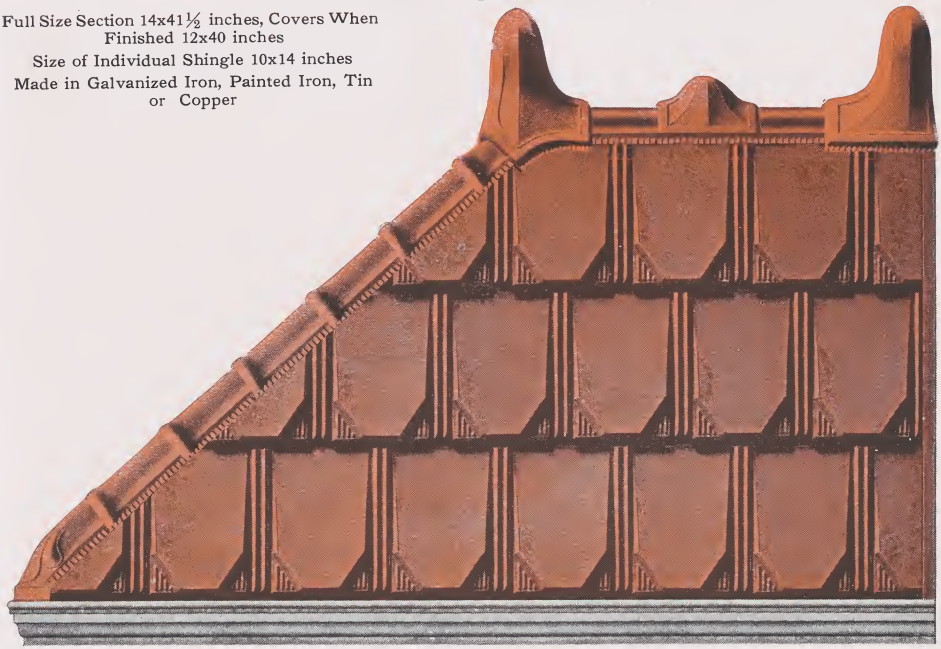
Full Size Section 14x41½ inches
Covers When Finished, 12x40 inches
Size of Individual Shingle 10x14 inches
Made in Galvanized Iron, Painted Iron, Tin or Copper



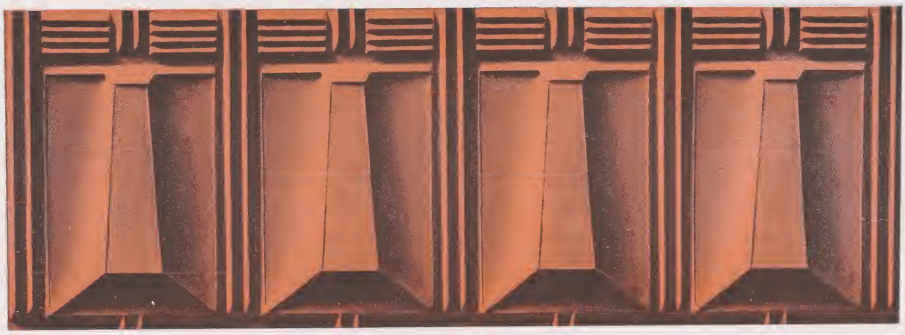
COMPLETE "SOUTHERN" ROOF
Composed of "SOUTHERN" Shingle, Gable and Hip Finials, Cresting Blocks, Ridge and Hip Moulding and Hip End Finish
Made in Galvanized Iron, Painted Iron, Tin or Copper

No. 2
"FERRO-SLATE" SHINGLE

Full Size Section 14x41½ inches, Covers When Finished 12x40 inches
Size of Individual Shingle 10x14 inches
Made in Galvanized Iron, Painted Iron, Tin or Copper

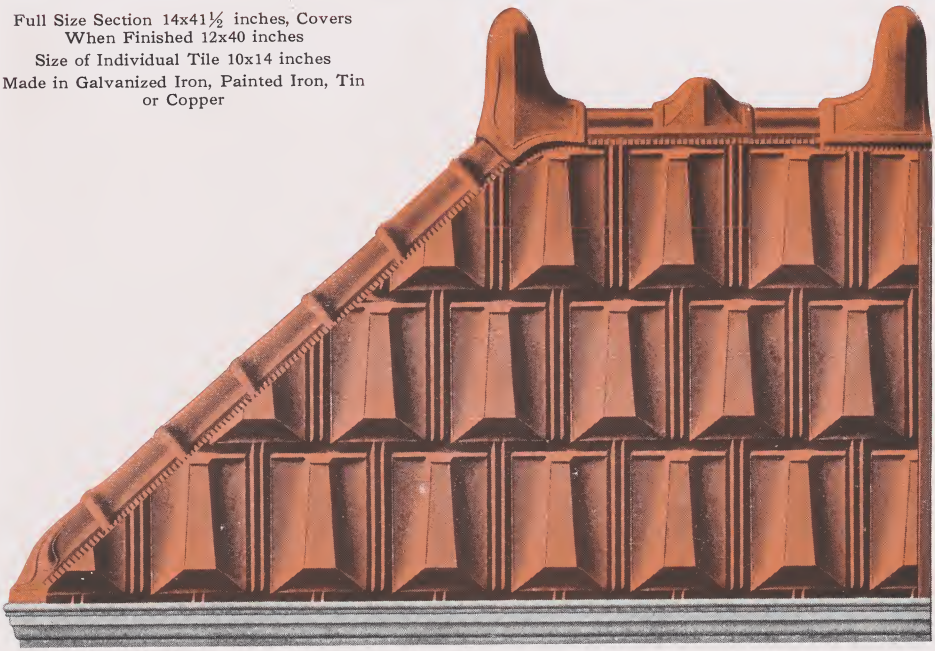


COMPLETE "FERRO-SLATE" ROOF
Composed of "Ferro-Slate" Shingle, Gable and Hip Finials, Cresting Blocks, Ridge and Hip Moulding and Hip End Finish
Made in Galvanized Iron, Painted Iron, Tin or Copper



No. 3
"COLUMBIA" TILE

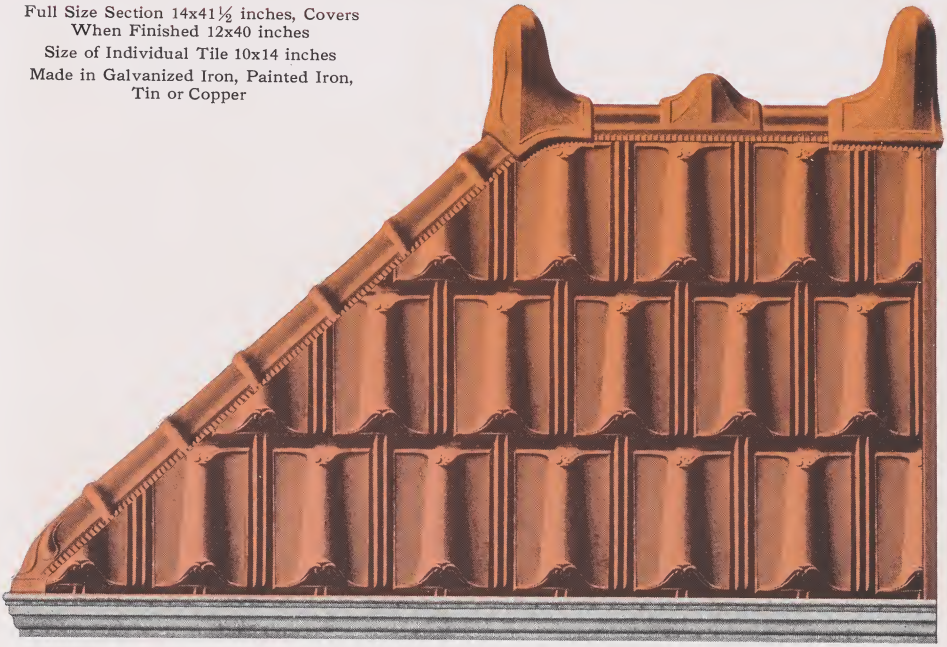
Full Size Section 14x41½ inches, Covers When Finished 12x40 inches
Size of Individual Tile 10x14 inches
Made in Galvanized Iron, Painted Iron, Tin or Copper



COMPLETE "COLUMBIA" ROOF
Composed of "COLUMBIA" Tile, Gable and Hip Finials, Cresting Blocks, Ridge and Hip Moulding and Hip End Finish
Made in Galvanized Iron, Painted Iron, Tin or Copper

No. 4
"WINIR" TILE

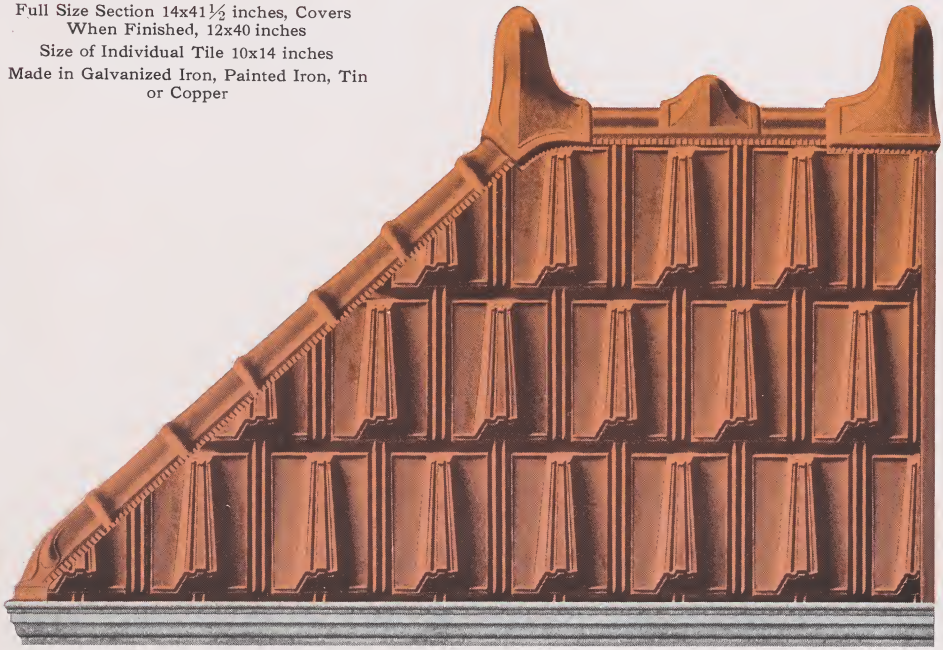
Full Size Section 14x41½ inches, Covers When Finished 12x40 inches
Size of Individual Tile 10x14 inches
Made in Galvanized Iron, Painted Iron, Tin or Copper



COMPLETE "WINIR" ROOF
Composed of "WINIR" Tile, Gable and Hip Finials, Cresting Blocks, Ridge and Hip Moulding and Hip End Finish
Made in Galvanized Iron, Painted Iron, Tin or Copper

No. 5
"BUCKEYE" TILE

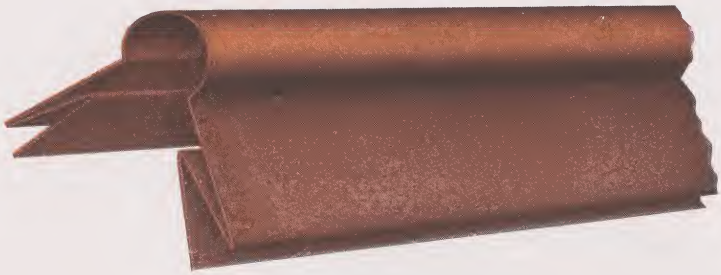
Full Size Section 14x41½ inches, Covers When Finished, 12x40 inches
Size of Individual Tile 10x14 inches
Made in Galvanized Iron, Painted Iron, Tin or Copper



COMPLETE "BUCKEYE" ROOF
Composed of "BUCKEYE" Tile, Gable and Hip Finials, Cresting Blocks, Ridge and Hip Moulding and Hip End Finish
Made in Galvanized Iron, Painted Iron, Tin or Copper

SPECIAL SHINGLE VALLEY, No. 12
Furnished in 8 foot lengths, 12, 14 or 18-inch girth.

This Special Valley should be used on all shingle and Tile roofs. The Tile should be locked over the fold which prevents the water flushing over them. The fold allows amply for expansion and contraction. Nail on the outer flanges only.



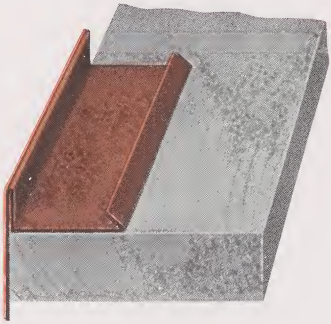
IMPROVED RIDGE FINISH, No. 13
Furnished in 8 foot lengths, 18-inch girth.

Can be used for both ridge and hip finish. Makes an ornamental and weather-proof finish.
Its use is recommended when Continuous Ridge and Hip Moulding is not desired.
This Finish is nailed on through the bottom flanges only, and then the tile slipped in under the fold thereby covering the nail heads.

Any of the above can be furnished in Galvanized Iron, Painted Iron, Tin or Copper. Carried in stock in Galvanized Iron only.

PORCH FLASHING No. 14

Intended where porch or shed roof abuts up against building wall. It is nailed at outer flange and tile slipped under the fold. When used in connection with frame building, the upper edge is nailed to the wall; with brick wall, the upper edge should be fastened or carried into the mortar.



No. 16

GABLE END FINISH
No. 16

This makes a neater finish than bending and nailing the shingles over the edge of roof boards.

It is nailed on the end of the roof boards, the tile allowed to extend over against the standing edge which is then malleted down over the shingles or tile.

The turned edge affords a gutter-way for any water gathering and prevents it from getting under the tile.

CORNER FINISH No. 15

When shingles and tile are used for siding, as on gables and dormers this corner finish is used. The tile are fitted up tight against the shoulder, and the turned edges serve to prevent the water from entering.

No. 15

Any of the above can be furnished in Galvanized Iron, Painted Iron, Tin or Copper. Carried in stock in Galvanized Iron only.

An Example of the Artistic Possibilities with "Art-Kraft" Metal Tile

## HOW TO APPLY OUR MULTIPLE SHINGLES

No. 8
HIP FINIAL
12 inches High

Anyone who has laid wood shingles or slate, or has a little ingenuity, can put on our shingles satisfactorily. You can either use wood lath or sheath roof up solid. The latter method is recommended as it will give a much better job. Never run the sheathing boards up and down.

In lathing, use ⅞" boards, 3" or 4" wide; beginning at the eaves and nailing boards across the length of the building. Then nail on second course of lath, spacing the top of lath 14" from beginning of eaves. If you want shingles to project over eaves any distance, make allowance for this. The top of second lath must be just 14" from the bottom of the first shingle. Actual height of shingle is 14". The rest of the lath is then nailed 12" apart, measuring from top to top of lath. The idea is to have the top of lath and the top of each shingle course flush at all times. If roof is sheathed up solid, draw chalk lines across roof at distances mentioned as guide lines for shingle courses. We strongly urge the use of our "Impervio" Roofing Paper under all shingles and tile to take care of any condensation. Do not use tar paper, as tar is detrimental to metal. If special eaves, finish No. 11 is used, put this on before the shingles.

Begin first course of shingles at either the lower right hand or lower left hand corner (facing toward building), but the side lap should always be away from the prevailing storm direction. Nail on the bottom flange, between the beads, every 5 inches, using 1" galvanized roofing nails and lead washers. The consecutive courses of shingles are nailed at the lower end of the shingle as described. Stagger the consecutive courses so the design runs diagonally up the roof and not in perpendicular lines. In laying the shingles, be sure that the beads on the top shingle nest and fit down tight into the beads of the under shingle. This should be watched carefully as it is the secret of the tight roof and will insure getting the consecutive courses on straight.

FINIALS Nos. 7 and 8

While not absolutely necessary, they give an attractive and appropriate finish to a metal tile roof. Can be used with Continuous Ridge Moulding No. 10 and Special Ridge Finish No. 13.

Made in Galvanized Iron, Painted Iron, Tin or Copper

No. 7
GABLE FINIAL
12 inches High

Used at the bottom of the hip to give it a finished appearance.

No. 9
FINISHING END FOR HIP MOULDING
10 inch Girth, Lays 8 inches to the Weather

In laying shingles to the valley, proceed as with straight roof and then cut shingles to same angle as the valley. If the ordinary valley is used, allow shingles to extend over valley two or three inches and nail down firmly. A better way is to form a lock on both shingles and valley and mallet down tight. This will make a weather-tight job.

We strongly recommend the use of our Special Valley (No. 12) which has the lock already formed, over which the shingles are locked. This valley is only nailed on the outer flange (see illustration) and not through the folds.

At the ridge and hips, unless the Special Ridge and Hip Finish (No. 10) is used, the shingles should be allowed to extend over on each side and nailed down firmly. Then over this the Continuous Ridge and Hip Moulding or plain ridge roll is nailed.

When applying ridge roll or ridge finish, slip the end of one piece into the end of the next, allowing sufficient lap to make a weather-proof joint.

In using Special Ridge and Hip Finish (No. 10), this is applied before the last course of shingles, nailing through the outer flange only. Then the shingles are cut to the proper size to slip under the fold.

In applying hip finish begin at the bottom of the hip making the laps downward to prevent leakage.

EAVES FINISH No. 11

Furnished in 4-foot lengths.

This Eaves Finish makes a neat finish at the eaves, and affords a starting point for the first course of shingles. The formed ribs exclude rain or snow.

The above made in Galvanized Iron, Painted Iron, Tin or Copper

CRESTING BLOCK No. 6

Used in connection with Finials Nos. 7 and 8 to enhance the appearance of the roof.

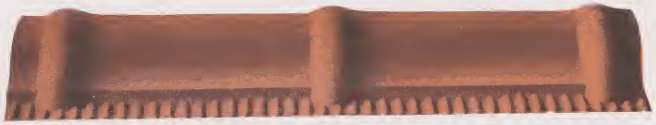
Cresting Blocks, Finials and Hip Finishing Ends should always be slipped in over the ends of ridge finish or moulding and not forced down over the roll. To insure rigidity, they should be nailed. Use galvanized nails and lead washers at all times.

It is always necessary to flash and counter-flash around all openings in the roof, such as chimneys, dormers, skylights, etc. as well as when roof butts up against the wall of a building.

We recommend the use of Cresting Blocks, Finials and Terminals; also Special Eaves Finish and Gable End Finish as these will make a very satisfactory job and considerably enhance the appearance of the roof. However, if desired, plain ridge roll will answer the purpose for ridge and hip moulding.

Always use Galvanized Nails and Lead Washers on Metal Shingle and Tile Roofs. The galvanized nails will not rust and the lead washers prevent leakage around the nail holes.

With the above instructions, any workman of ordinary ability can construct a handsome and durable roof with our shingles and tile.



CONTINUOUS RIDGE AND HIP MOULDING No. 10

Made in 4 and 8 foot lengths. 10 inch Girth. Gives an artistic finish to a beautiful roof. Cresting Blocks and Finials can be used with this moulding.

Our Shingles and Tile and Accessories are carried in stock in the Galvanized Iron only, but can be furnished in Painted Iron, Tin or Copper if desired.

ART-KRAFT

## INDEX AND LIST PRICES

| | In Galv. Iron | |
|---|---|---|
| "Southern" Shingles No. 1, | $ 6.50 | per square |
| "Ferro-Slate" Shingles No. 2, | 6.50 | " " |
| "Columbia" Tile No. 3, | 6.85 | " " |
| "Winir" Tile No. 4, | 6.85 | " " |
| "Buckeye" Tile No. 5, | 6.85 | " " |
| Cresting Blocks No. 6, | .60 | each |
| Gable Finials No. 7, | 1.75 | " |
| Hip Finials No. 8, | 1.75 | " |
| Hip Finishing End No. 9, | .50 | " |
| Continuous Ridge and Hip Moulding No. 10 | .12 | per Lin. Ft. |
| Eaves Finish No. 11, | .09 | " " " |
| Special Valley No. 12 -12" Girth, | .09 | " " " |
| " " " " -14" " | .10 | " " " |
| " " " " -18" " | .13 | " " " |
| Special Ridge Roll No. 13, | .14 | " " " |
| Porch Flashing No. 14, | .08 | " " " |
| Corner Finish No. 15, | .10 | " " " |
| Gable End Finish No. 16, | .06 | " " " |

"ART-KRAFT"

METAL CEILINGS AND SIDE WALLS
METAL STORE AND THEATRE FRONTS

Are a revelation in the possibilities of Artistic Decoration in Metal.

When you consider metal ceilings—consider "Art-Kraft".

Catalogs and prices upon request.

We also manufacture the full sheet metal line, including Flat Sheets, Tinplate, Roofing, Siding, Conductor Pipe, Eaves Trough, Corrugated Arches, Metal Lath, Fittings, etc.

"MADE RIGHT — SOLD RIGHT"

THE CANTON METAL CEILING CO.
CANTON, OHIO